

What is claimed is:

1. A switch device comprising:
an operating member having a cam section provided with a
5 protruding portion;
a plurality of switches that engage the cam section and put out
electric ON/OFF states based on the operation of the operating
member; and
a detecting section connected to the plurality of switches for
10 detecting the positions of operation of the operating member based on
the electric ON/OFF states of the plurality of switches.
2. The switch device of claim 1, wherein the operating member
is rotatable.
- 15 3. The switch device of claim 1, wherein the operating member
is movable.
4. The switch device of claim 1, wherein the protruding portion
20 is one of a plurality of protruding portions, the cam section has the
plurality of protruding portions, and the plurality of switches put out
a plurality of electric ON/OFF states.
5. The switch device of claim 1, wherein the operating member
25 further includes a knob for operating the cam section and a coupling
section for coupling the knob and the cam section.
6. The switch device of claim 1, wherein the operating member

further includes a knob having the cam section on the lower surface for operating the cam section.

7. The switch device of claim 1, wherein the operating member
5 further includes a knob having the cam section on an inner surface for operating the cam section.